MIDMARK®

Console Installation Guide

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UNPACKING

EQUIPMENT ALERT
To avoid damage, do not use a knife or sharp object to open packaging.

(1) Carefully remove all enclosed components from packaging and inspect for shipping damage. If damage is apparent, file a Concealed Damage Report with the carrier.

CONSOLE INSTALLATION

(1) Remove two console side covers by pulling outward.

NOTE
Verify desired position of console (left or right side of chair) with proper personnel prior to Step 2.

(2) Loosen two small hex bolts (1, Figure 1) and one large hex bolt (2) ***[located under chair seat].***

(3) Rotate mounting bracket (3) to desired position; then tighten two small hex bolts (1) and large hex bolt (2).

EQUIPMENT ALERT
Be sure umbilical/wiring harness is not pinched when installing console onto mounting bracket.

(4) Install console (4) onto mounting bracket (3) and position as desired.

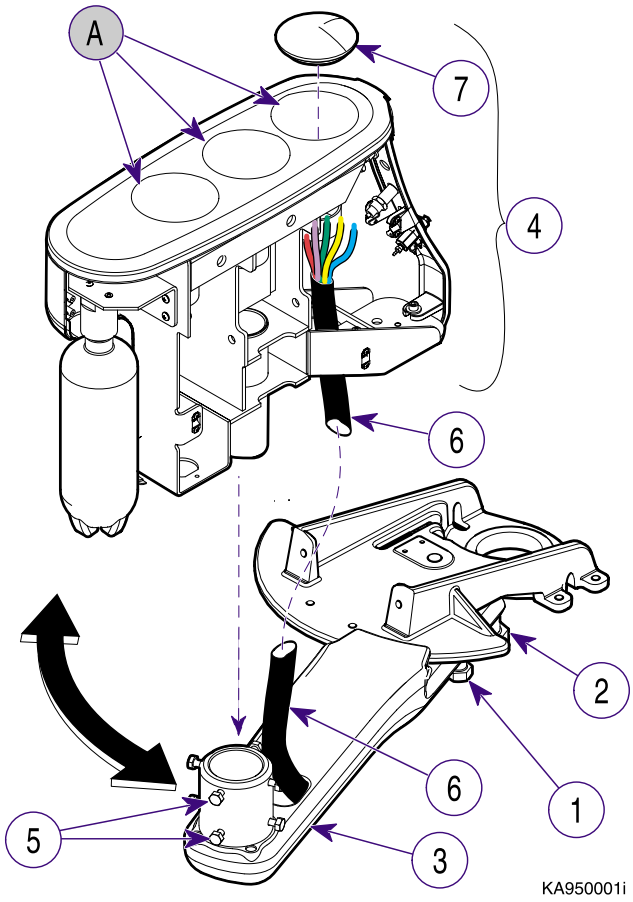

Figure 1. Console Installation

(5) Adjust console (4) to ensure it is level; then tighten eight screws (5).

(6) Route umbilical/wiring harness (6) up thru bottom of console (4).

(7) Install hole plugs (7) in any mounting holes (A) that will not used.

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TUBING CONNECTIONS

In Console:

Air To Water Bottle

(1) Connect 1/8 in. brown tubing (1, Figure 2) ***[from umbilical]*** to 1/8 in. brown tubing (2) from bottle cap.

NOTE

There are two pieces of 1/8 in. blue tubing (4) ***[from umbilical].*** Use the piece with the (male/female) connector that corresponds to the 1/8 in. blue tubing ***[from toggle valve]***. The unused 1/8 in. blue tubing ***[from umbilical]*** and the plugged 1/8 in. blue tubing ***[from toggle valve]*** are used for assisitant's instruments and will be connected (if required) in a later procedure. Do not remove plug from 1/8 in. blue tubing at this time.

City Water To Toggle Valve

(2) Connect 1/8 in. blue tubing (3) ***[from toggle valve]*** to 1/8 in. blue tubing (4) ***[from umbilical]*** with connector.

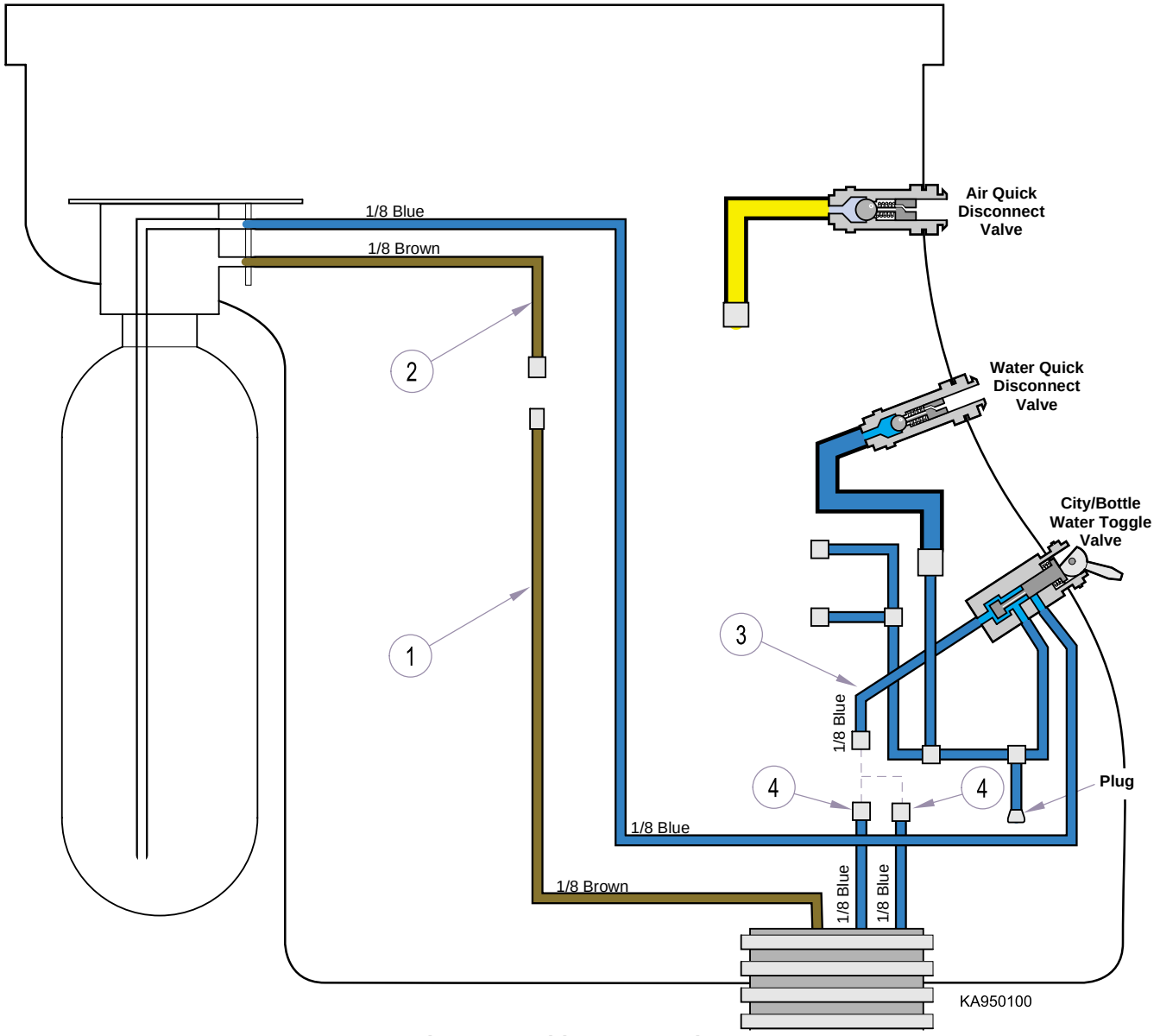

Figure 2. Tubing Connections

ELECTRICAL CONNECTIONS

Power to Console

(1) Connect wiring harness (1, Figure 3) ***[from umbilical]*** to J3 connector (A) on PC board (2).

NOTE
External umbilicals (not routed thru chair) do not contain wiring harness (3).

Chair Position Touch Pad

(2) Connect wiring harness (3) ***[from umbilical]*** to J6 connector (B) on PC board (2).

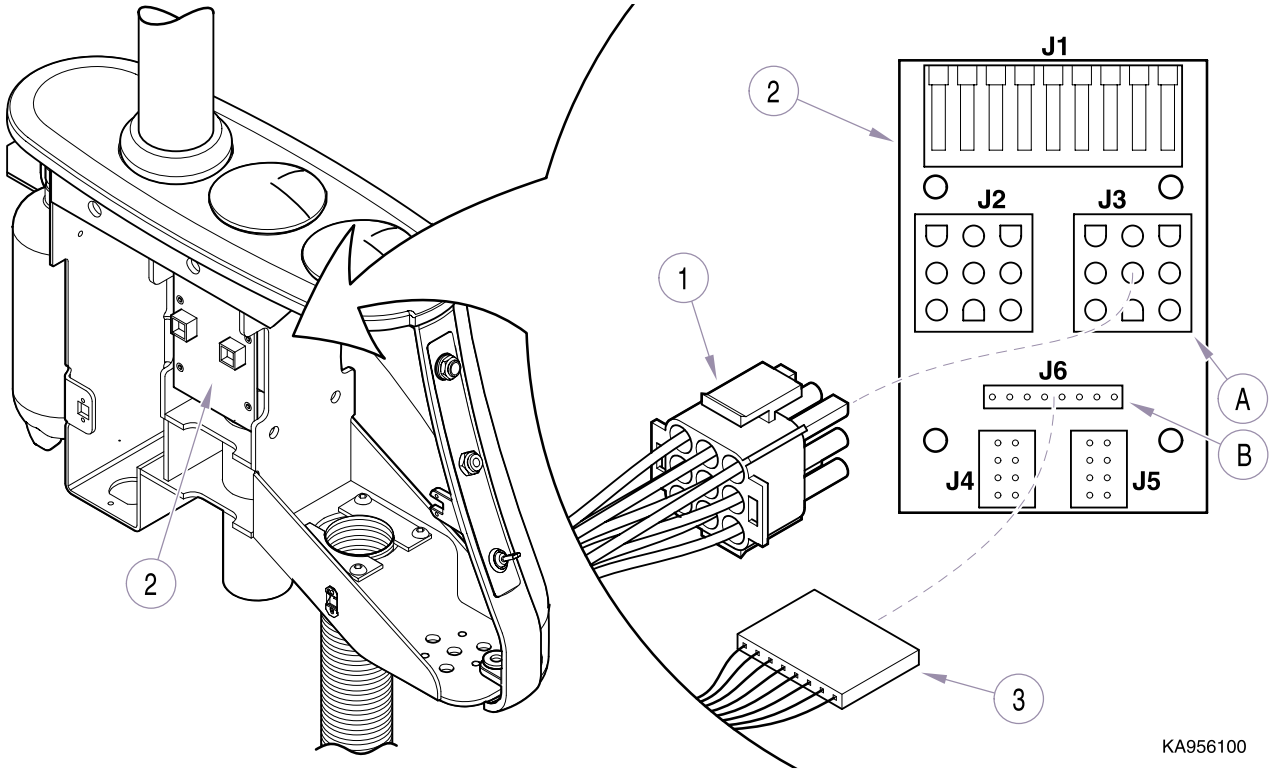

Figure 3. Electrical Connections

COVER INSTALLATION

NOTE
If installing a delivery system, light, cuspidor, and/or assistant's instruments, it will be necessary to make connections inside the console. Do not install console covers until entire installation is complete.

(1) Slide top of console cover (1, Figure 4) under top cover (2); then align three ball studs (3) on console cover with three stud fasteners (4) on console frame.

(2) Push gently inward on cover until it snaps into place.

(3) Repeat for other console cover.

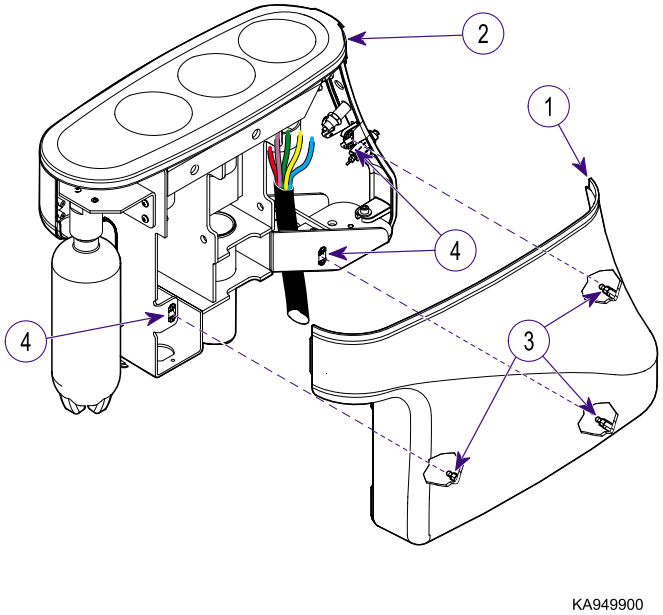

Figure 4. Cover Installation

TORQUE SPECIFICATIONS

Torque specifications apply to hardware used on components unless otherwise noted in these installation instructions:

Torque Specifications

Hardware Size	Torque Values
#6	11 to 21 inch / lbs. (1.2 to 2.3 N•m)
#8	20 to 30 inch / lbs. (2.2 to 3.3 N•m)
#10	32 to 42 inch / lbs. (3.6 to 4.8 N•m)
1/4 inch	75 to 85 inch / lbs. (8.5 to 9.6 N•m)
5/16 inch	18 to 22 ft. / lbs. (24.4 to 29.8 N•m)
3/8 inch	31 to 35 ft. / lbs. (42.0 to 47.5 N•m)
1/2 inch	50 to 60 ft. / lbs. (67.8 to 81.4 N•m)

TRANSPORTATION / STORAGE CONDITIONS

- Ambient Temperature Range:.....-22°F to 140°F (-30°C to 60°F)
- Relative Humidity.....10% to 90% (non-condensing)
- Atmospheric Pressure .....500hPa to 1060 hPa (0.49atm to 1.05atm)